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1617
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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4-24-02

In re Application of:
Steven B. Laramay and
John H. Schneider
Serial No. 09/770,931
Filing Date: January 26, 2001
Title:
ENCAPSULATED COMPOSITIONS

) Atty. Dkt. No. 00.05.12.1
) Art Unit: 1617
)
) Examiner: Gina C. Yu
)
) Duncan, Oklahoma 73534
)
) Date: April 4, 2002

RESPONSE TO OFFICE ACTION

The Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action mailed March 7, 2002, please amend the above identified application as follows.

IN THE CLAIMS

Please Cancel claims 1-15 without prejudice. Add new claims 16-33 as follows.

16. An article of manufacture comprising a capsule and a first chemical composition, said capsule having a hollow interior and an enclosing membrane wall having an interior surface and an exterior surface, wherein said first chemical composition is enclosed within said hollow interior of said capsule;
said membrane is permeable to water and aqueous solutions, but is not soluble in aqueous liquids, and includes at least a first material comprised of a polyurethane-vinyl polymer dispersion prepared by the simultaneous polymerization of a vinyl monomer and chain extension of an isocyanate-terminated polyurethane pre-polymer in the presence of water to thereby form a urethane/vinyl hybrid polymer; and
said first chemical composition is comprised of a solid, water-soluble chemical composition not reactive with, soluble in or a solvent for said membrane.